

1 2. [(amended)] Apparatus according to Claim 1, in which the pipettes are configured
2 as a pipette comb.

1 3. [(amended)] Apparatus according to Claim 2, in which the pipette comb has a first
2 element and a second element, which is coupled to the first element, the second element having
3 the pipettes.

1 4. [(amended)] Apparatus according to [one of] Claim 3, in which a plate is arranged
2 between the first element and the second element.

1 5. [(amended)] Apparatus according to Claim 1, in which the analysis chips are
2 arranged in the plate.

1 6. [(amended)] Apparatus according to Claim 1, in which the surface of at least a part
2 of the analysis chips, which surface comes into contact with the analyte, has biological material
3 for binding the molecules contained in the analyte.

1 7. [(amended)] Apparatus according to Claim 1, in which the microtitre plate has 96
2 wells or 384 wells for taking up an analyte.

1 8. [(amended)] Apparatus according to Claim 1, in which an elastic diaphragm is in
2 each case arranged over at least some of the pipettes, so that analyte can be sucked out of the
3 corresponding well or introduced into the corresponding well by deforming the diaphragm.

1 9. (amended) Apparatus according to Claim 1, in which a buffer plate is provided for
2 each pipette, in order to mix the analyte delivered by the pipette.

A1
1 10. (amended) Apparatus according to Claim 1, in which the pump can be operated in
2 such a way that analyte is sucked at a pressure which is less than an analyte surface tension
3 possibly formed in the pipette.

In the Claims

1 1. (amended) [Arrangement] Apparatus for taking up liquid analytes, having [-] a
2 microtitre plate with a plurality of wells for taking up an analyte, [-] a plurality of pipettes, by
3 which an analyte can be withdrawn from an associated well, [-] at least one pump, which is
4 coupled to several pipettes in such a way that an analyte can in each case be sucked through an
5 associated pipette by means of the pump, and analytes can be simultaneously sucked out of
6 several wells or introduced into several wells by actuating the pump, [-] having analysis chips for
7 analysing the analyte, one analysis chip being in each case assigned to a well in order to analyse
8 an analyte introduced into the respective well, and [-] in which the surface of at least a part of the
9 analysis chips, which surface comes into contact with the analyte, is designed in such a way that
10 biological material for binding molecules contained in the analyte can be fixed on the surface.

1 2. (amended) [Arrangement] Apparatus according to Claim 1, in which the pipettes
2 are configured as a pipette comb.

1 3. (amended) [Arrangement] Apparatus according to Claim 2, in which the pipette
2 comb has a first element and a second element, which is coupled to the first element, the second
3 element having the pipettes.

1 4. (amended) [Arrangement] Apparatus according to [one of] Claim[s] [1 to] 3, in which a
2 plate is arranged between the first element and the second element.

1 5. (amended) [Arrangement] Apparatus according to [one of] Claim[s] 1 [to 4], in
2 which the analysis chips are arranged in the plate.

1 6. (amended) [Arrangement] Apparatus according to [one of] Claim[s] 1 [to 5], in
2 which the surface of at least a part of the analysis chips, which surface comes into contact with
3 the analyte, has biological material for binding the molecules contained in the analyte.

1 7. (amended) [Arrangement] Apparatus according to [one of] Claim[s] 1 [to 6], in
2 which the microtitre plate has 96 wells or 384 wells for taking up an analyte.

1 8. (amended) [Arrangement] Apparatus according to [one of] Claim[s] 1 [to 6], in
2 which an elastic diaphragm is in each case arranged over at least some of the pipettes, so that
3 analyte can be sucked out of the corresponding well or introduced into the corresponding well by
4 deforming the diaphragm.

1 9. (amended) [Arrangement] Apparatus according to [one of] Claim[s] 1 [to 8], in
2 which a buffer plate is provided for each pipette, in order to mix the analyte delivered by the
3 pipette.

1 10. (amended) [Arrangement] Apparatus according to [one of] Claim[s] 1 [to 9], in
2 which the pump can be operated in such a way that analyte is sucked at a pressure which is less
3 than an analyte surface tension possibly formed in the pipette.